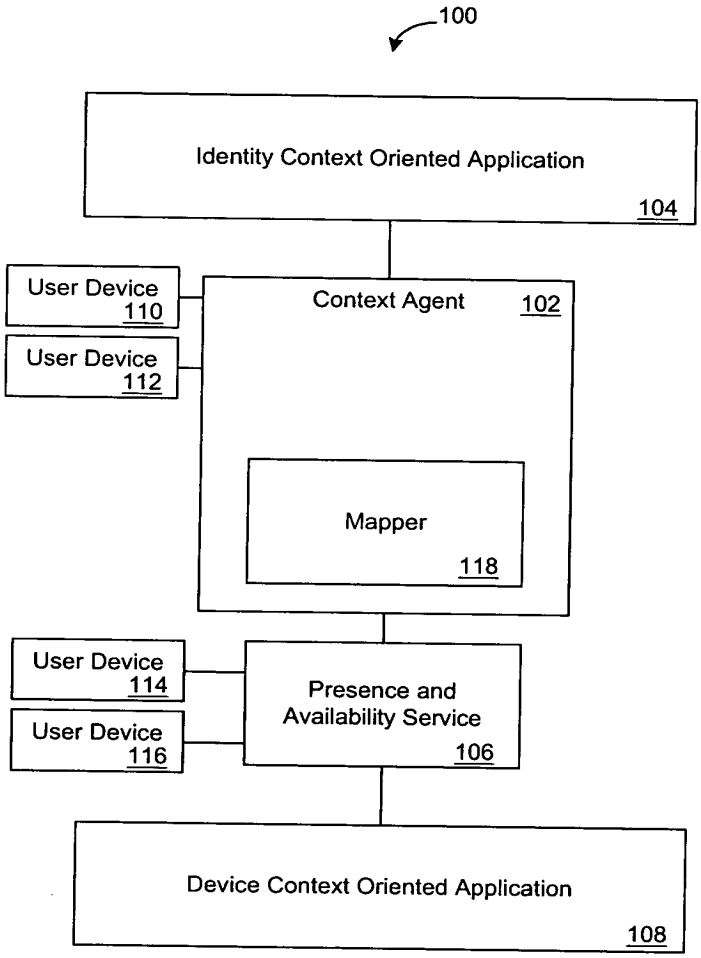
100
Identity Context Oriented Application
104
User Device
110
User Device
112
Context Agent
102
Mapper
118
User Device
114
User Device
116
Presence and
Availability Service
106
Device Context Oriented Application
108

FIG. 1

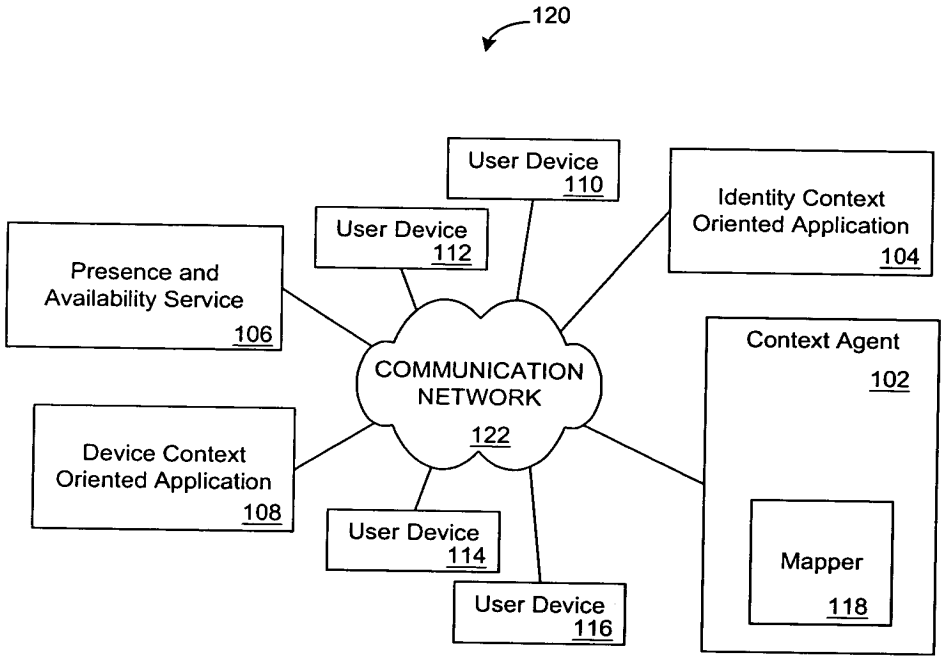
120
User Device
110
User Device
112
Identity Context
Oriented Application
104
Presence and
Availability Service
106
COMMUNICATION
NETWORK
122
Context Agent
102
Device Context
Oriented Application
108
User Device
114
Mapper
118
User Device
116

FIG. 2

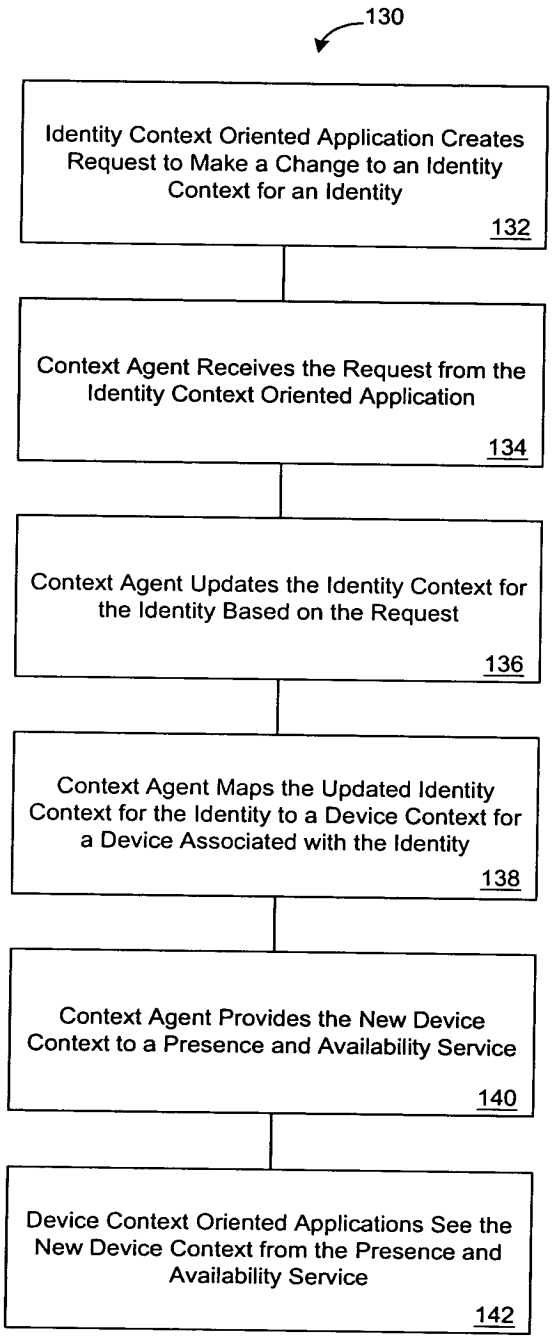
130
Identity Context Oriented Application Creates Request to Make a Change to an Identity Context for an Identity
132
Context Agent Receives the Request from the Identity Context Oriented Application
134
Context Agent Updates the Identity Context for the Identity Based on the Request
136
Context Agent Maps the Updated Identity Context for the Identity to a Device Context for a Device Associated with the Identity
138
Context Agent Provides the New Device Context to a Presence and Availability Service
140
Device Context Oriented Applications See the New Device Context from the Presence and Availability Service
142

FIG. 3

IDENTITY CONTEXT TO DEVICE CONTEXT MAPPING TABLE 144	
IDENTITY CONTEXT 146	**DEVICE CONTEXT** 148
In office	Online
Working Remote	Online
Be Right Back	Be Right Back
In Meeting	Busy
On Business Trip	Away
Out of Office	Away
On Vacation	Away
Unavailable	Busy
Unknown	Idle

FIG. 4

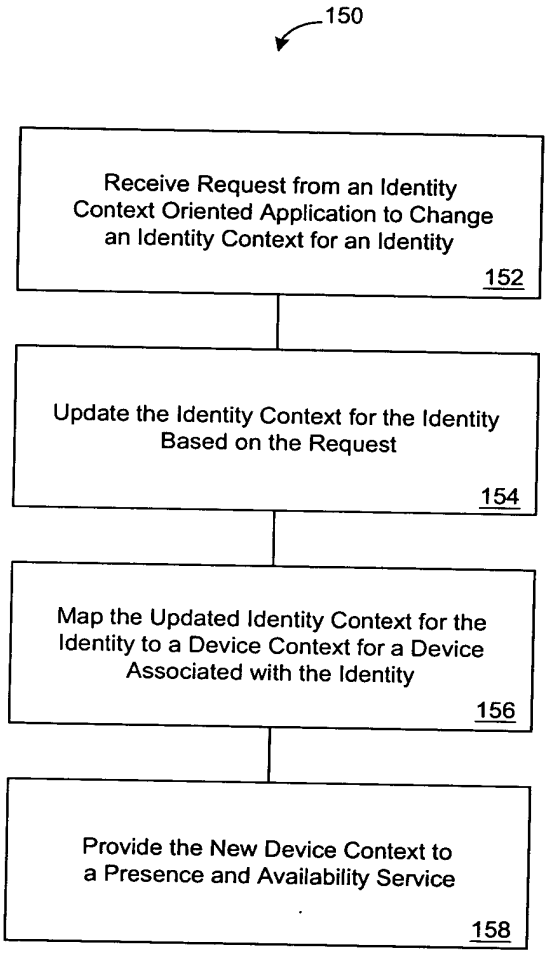
150
Receive Request from an Identity Context Oriented Application to Change an Identity Context for an Identity
152
Update the Identity Context for the Identity Based on the Request
154
Map the Updated Identity Context for the Identity to a Device Context for a Device Associated with the Identity
156
Provide the New Device Context to a Presence and Availability Service
158

FIG. 5

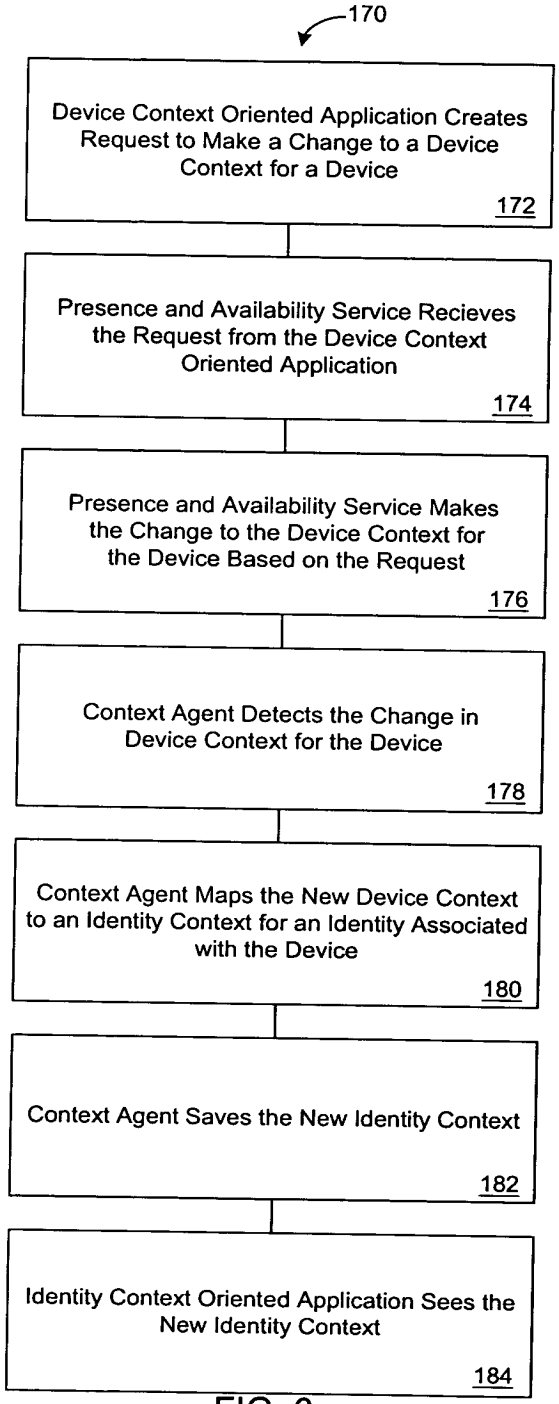
170
Device Context Oriented Application Creates Request to Make a Change to a Device Context for a Device
172
Presence and Availability Service Recieves the Request from the Device Context Oriented Application
174
Presence and Availability Service Makes the Change to the Device Context for the Device Based on the Request
176
Context Agent Detects the Change in Device Context for the Device
178
Context Agent Maps the New Device Context to an Identity Context for an Identity Associated with the Device
180
Context Agent Saves the New Identity Context
182
Identity Context Oriented Application Sees the New Identity Context
184

FIG. 6

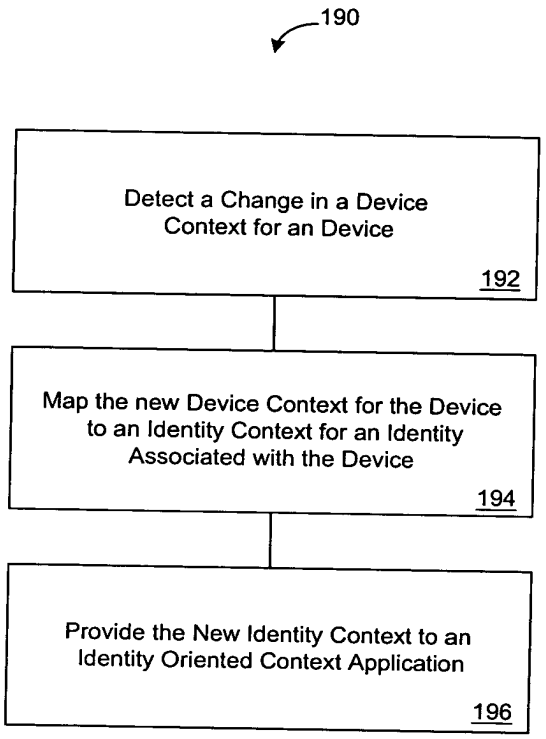
190
Detect a Change in a Device Context for an Device
192
Map the new Device Context for the Device to an Identity Context for an Identity Associated with the Device
194
Provide the New Identity Context to an Identity Oriented Context Application
196

FIG. 7

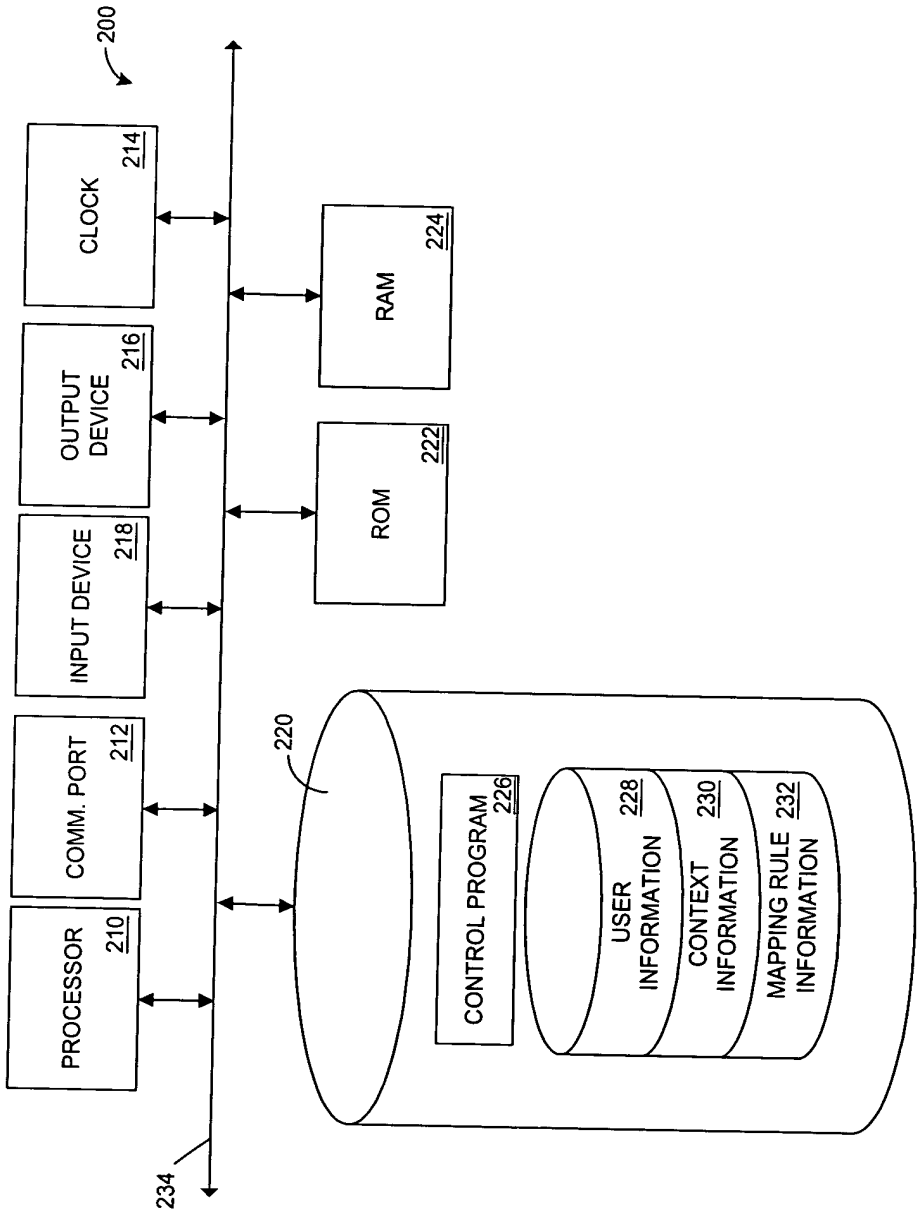
200
CLOCK
214
OUTPUT DEVICE
216
INPUT DEVICE
218
COMM. PORT
212
PROCESSOR
210
RAM
224
ROM
222
220
CONTROL PROGRAM
226
USER INFORMATION
228
CONTEXT INFORMATION
230
MAPPING RULE INFORMATION
232
234

FIG. 8